



DEPARTMENT OF THE AIR FORCE

30TH SPACE WING (AFSPC)

MEMORANDUM FOR DISTRIBUTION

FROM: 30 RANS/DOUS

SUBJECT: WESTERN RANGE HISTORICAL REPORT FY 1998 (01 Oct. 1997 through 30 Sep. 1998).

PART I. OPERATIONS SUMMARY:

During fiscal year 1998 there were 25578 transactions performed against 8194 Operations scheduled at the Western Range. Below is a recap of the operations schedule by category.

<u>Operations Category</u>	<u>Scheduled</u>
Planned Maintenance	1425
Unplanned Maintenance Ops Cap Red	223
Unplanned maintenance Ops Cap Yellow	66
System Modifications	84
OT&E Testing	74
Institutional Testing	1365
Institutional Testing (Customer Support)	251
Software Development	5
Batch Processing	260
Range Tours	167
Training	535
Post Op Data Production	433
Frequency Clearance Support	240
Eastern Range Support	28
Edwards AFB Support	100
NAWC Pt. Mugu Support	47
Western Range Customer Support	2692

PART II. ASSOCIATED OPERATIONS SUMMARY FOR FY 1997 THROUGH 1998.

Below is a recap of operations scheduled in support of range customer requirements for FY 1997 and 1998. FY 98 figures show a 10% increase in the number of operations scheduled in support of range customers. Category "Other Support" covers host base or other activities supporting operations not directly related to any specific mission. Aeronautical support covers all operations scheduled on the WR that required area clearance.

	<u>1997</u>	<u>1998</u>
Space	1663	1853
Ballistic	1012	1148
Aeronautical	751	741
ER Support (Spacelift)	26	28
Other Support	452	577
Total	<u>3904</u>	<u>4347</u>

REMARKS: Report does not include associated operations for pre/post launch support still in progress.

PART III. WESTERN RANGE MAINTENANCE SUMMARY:

In FY 1998 there were a total of 1803 maintenance actions of which 276 were for unplanned corrective maintenance. There were 68 range red down days scheduled to accomplish Planned Maintenance and Modifications. There were some impacts to the range customer pre-launch processing due to planned and unplanned maintenance actions. Delta launch W4826 was scrubbed during count due to Command Transmitter site 6 failure. Below is a breakdown of maintenance actions by quarter.

	<u>Oct-Dec</u>	<u>Jan-Mar</u>	<u>Apr-Jun</u>	<u>Jul-Sep</u>
Scheduled	394	372	319	339
Unscheduled	87	68	73	48
Modifications	26	23	19	35
Totals	<u>507</u>	<u>463</u>	<u>411</u>	<u>422</u>
Range Down Days for Maintenance	0	9	14	45

PART V. WESTERN RANGE LAUNCH SUMMARY:

In fiscal year 1998 there was a total of 19 launches (11 Space & 8 Ballistic) supported by the WR of which 18 were successful. There were 33 total launch counts which required manning by Air Force and contractor personnel. Additionally there were 55 reschedules which required 30 RANS/DOUS coordination and 30 SW/CC approval. Below is a breakdown of launches with the number of counts/reschedules required for each mission.

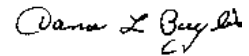
Date	Op Number / Type / Payload	Assoc. <u>Op</u>	Launch <u>Counts</u>	<u>Reschedules</u>
23-Oct-97	*W0444 TITAN IV	69	4	5
05-Nov-97	W3676 PK GT-26PA	81	1	0
08-Nov-97	*W2036 DELTA II IRIDIUM MS-5	65	1	2
20-Dec-97	*W8070 DELTA II IRIDIUM MS-6	47	1	3
15-Jan-98	W0263 MM II RSLP/IFT-2	63	1	1
10-Feb-98	*W6400 TAURUS ORBCOMM	28	2	12
18-Feb-98	*W0073 DELTA II IRIDIUM MS-7	73	6	5
20-Feb-98	W4901 MM III GT-166-GB (Functions sent)	68	1	1
25-Feb-98	*W3908 PEGASUS SNOE	36	1	6
29-Mar-98	*W3123 DELTA II IRIDIUM MS-8	74	4	3
01-Apr-98	*W0380 PEGASUS TRACE	48	1	1
07-May-98	W6388 PK GT-27-PA	128	1	1
13-May-98	*W3899 TITAN II NOAA-K	112	1	1
17-May-98	*W3628 DELTA II IRIDIUM MS-9	76	2	5
03-Jun-98	W7030 MM III GT-167-GB	62	1	0
24-Jun-98	W0118 MM III GRP IDF-1	102	1	0
24-Jun-98	W2513 MM III GT-168-GB	69	1	2
09-Sep-98	*W4826 DELTA II IRIDIUM MS-10	68	2	2
16-Sep-98	W7147 MM III GRP IDF-2	74	1	1
	Total	<u>1343</u>	<u>33</u>	<u>55</u>

* Space Operations

PART IV. FORECAST SCHEDULE:

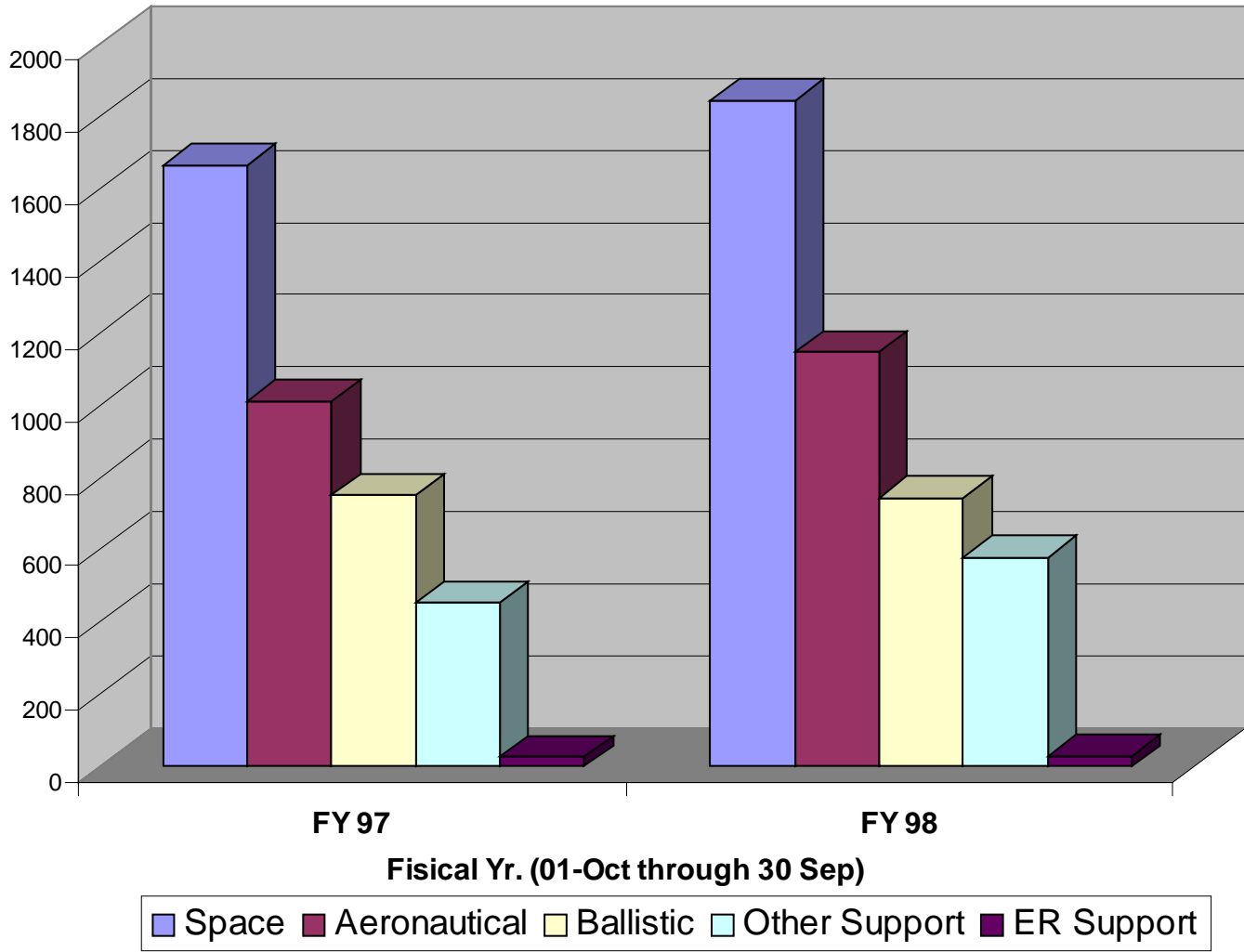
The following Western Range launches are scheduled for FY 1999.

<u>Vehicle</u>	<u>Launches</u>
MMII:	1
MMIII:	3
PK:	1
Delta:	5
Taurus:	1
Pegasus:	5
Titan	3



DANA L. BAYLIS
Chief, Range Scheduling

ASSOCIATED OPERATIONS



Range Capacity

